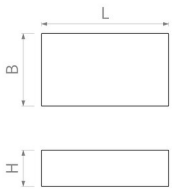
BRUGGER MAGNETSYSTEME

PRODUCT DATA SHEET

Raw magnets made of hard ferrite (HF), angular

Block magnet made of hard ferrite



Article number	Quality	L mm	B mm	H mm	Adhesive force* N	Weight g	Temperature °C	Magnetisation
MFAQm25x9x5	24/23	$25^{+0.3}/_{-0.3}$	$9^{+0.2}/_{-0.2}$	$5^{+0.1}/_{-0.1}$	5	5.5	250	axial
MFAQm30x10x6	28/26	$30^{+0.5}/_{-0.5}$	$10^{+0.3}/_{-0.3}$	$6^{+0.1}/_{-0.1}$	7	8.3	250	axial
MFAQm30x15x5MPl	26/22	$30^{+0.6}/_{-0.6}$	$15^{+0.4}/_{-0.4}$	$5^{+0.2}/_{-0.2}$	9	11	250	multipole
MFAQm39x10x4	28/26	$40^{+1}/_{-1}$	$10^{+0.3}/_{-0.3}$	$4^{+0.1}/_{-0.1}$	6.5	7.5	250	axial
RM040HFBk99rh04	26/22	$40^{+0.1}/_{-0.2}$	$18^{+0.1}/_{-0.2}$	$6^{+0.1}/_{-0.1}$	11	21	250	axial
MFAQm43x10x3.8	26/22	$43^{0}/_{-0.5}$	$10^{+0.2}/_{-0.2}$	$3{,}8^{+0.1}/_{-0.1}$	6	7.8	250	axial
MFAQm45x12x6	26/22	$45^{+0.5}/_{-0.5}$	$12^{+0.3}/_{-0.3}$	$6^{+0.1}/_{-0.1}$	10	16	250	axial
MFAQm49.5x9x4.9	26/22	$49{,}5^{+0.5}/_{-0.5}$	$9{,}3^{+0.3}/_{-0.3}$	$4{,}9^{-0.1}/_{-0.2}$	10	12	250	axial
MFAQm50x15x5MPl	28/16	$50^{0}/_{-1}$	$15^{+0.2}/_{-0.3}$	$5^{+0.5}/_{0}$	18	19	250	multipole
MFAQm75x14x10	28/16	$75{,}5^{+1.5}/_{-1.5}$	$14^{+0.1}/_{-0.1}$	$9{,}8^{0}/_{-0.1}$	28	50	250	axial

PRODUCT NOTE:

Tools are often required for the production of HF magnets. Therefore, not every desired dimension is possible. Simple shapes and small quantities can be cut from blocks or bars if necessary. The surface is bright but not dust-free. The temperature specification refers to the maximum application temperature of the material. However, the resistance may be reduced due to the geometry.

As an alternative to the standard, we also offer customised solutions:

" customer-specific dimensions

" modified magnetisation direction

" other types of magnetisation

" other qualities

Magnetised by the height (H). With two-pole and multi-pole magnetisation, the adhesive force is increased on the painted adhesive surface. On the unpainted holding surface, however, the holding force is lower.

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* The forces have been determined at room temperature on a polished plate made of steel (S235JR according to DIN 10 025) with a thickness of 10 mm (1kg~10N). A deviation of up to -10% from the specified value is possible in exceptional cases. In general, the value is exceeded. The type of application (installation situation, temperatures, counter anchors, etc.) sometimes influence the forces enormously. The values given are for orientation purposes. Let our experts advise you.

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